

**WASHINGTON STATE E911 ADVISORY COMMITTEE  
9-1-1 COMMUNICATIONS SUBCOMMITTEE  
MEETING MINUTES  
March 13, 2014**

**ATTENDEES:** Marlys Davis, Chair, King County E911

**CONFERENCE CALL ATTENDEES:**

Rebecca Beaton, Utilities and Transportation Commission  
Lisa Caldwell, Columbia County E911  
Laura Caster, Snohomish County E911  
Gary Emerson, Verizon Wireless  
Peggy Fouts, Grays Harbor County E911  
Debbie Hanson, Franklin County E911  
Alice Johnson, Island County E911  
Jackie Jones, Grant County E911  
Andy Leneweaver, State E911 Office  
Linda McKelvey, CenturyLink  
Lynn Mell, T-Mobile  
Dan Miller, State E911 Office  
Kenn Moisey, State E911 Office  
Jean Nealy, Pierce County E911

Marlys Davis called the 9-1-1 Communications Subcommittee Meeting to order at 9:30 a.m., Thursday, March 13, 2014.

**1. Approval of Meeting Minutes**

Marlys Davis reported that she is behind on preparing meeting minutes, so there were no minutes approved.

**2. Wireless Carrier Contact Information (Exhibit A)**

Melody Scheihing, E911 Engineer, was added as the contact for Cricket.

Carla Foust was added for Verizon Wireless.

John Garner is in a new role at AT&T, and updated information will be provided.

**3. FCC Actions**

**FCC & Telecom Report (Exhibit B)**

Marlys Davis reported on the following FCC activities:

- Remarks of FCC Commissioner Ajit Pai at the APCO Emerging Technology Forum, "Public Safety Communications in the Digital Age". The legacy system means that 911 calls are delayed, dropped, or lost altogether. Hopeful that NG911's IP-based architecture will change that.

- Third Further Notice of Proposed Rulemaking: Wireless E911 Location Accuracy Requirements.
  - All text providers have text-to-911 available by end of 2014.
  - Added indoor location requirements:
    - CMRS providers would be required to provide **horizontal location (x- and y-axis) information within 50 meters** of the caller for 67% of 911 calls placed from indoor environments within **two years** of the effective date of adoption of rules, and for 80% of indoor calls within **five years**.
    - CMRS providers would be required to provide **vertical location (z-axis) information within 3 meters** of the caller for 67% of indoor 911 calls within **three years** of the adoption of rules, and for 80% of calls within **five years**.
    - As is the case of our existing E911 location rules, CMRS providers would be **required to meet these indoor requirements at either the county or PSAP geographic level**.
    - **PSAPs** would be entitled to seek Commission enforcement of these requirements within their jurisdictions, but only **so long as they have implemented location bid/re-bid policies that are designed to obtain all 911 location information made available by CMRS providers** pursuant to our rules.
  - Also strengthened existing rules for Phase II accuracy.
  - Lynn Mell reported that the wireless carriers are concerned because the proposal is for rules that the carriers are not able to meet because the technology is not yet available. The carriers support the continuation of the CSRIC work so the technology and standards can be developed.
- Remarks of FCC Commissioner Ajit Pai Introducing the Panel on Multiline 911 Issues of the Congressional NextGen 911 Caucus.
- Policy Statement and Second Further Notice of Proposed Rulemaking: FCC Sets Path for Widespread Text-to-911 Deployment. The FCC is seeking comments on how to encourage PSAPs to move forward with text-to-911. The subcommittee recommended that comments be filed that outline efforts to implement text statewide in Washington State.
- Numbering Policies for Modern Communications.
- FCC Seeks Public Comment on Fifth Annual Report to Congress on State Collection and Distribution of 911 and E911 Fees and Charges. The subcommittee expressed concern that while the report shows that the number of states misusing 911 funds has decreased to only four, Washington State seems to be increasing in the misuse of 911 funds.
- FCC to Start Trials on Retiring Traditional Landlines, Announces New Funding for Rural Broadband.

#### 4. **Wireless Issues**

##### Prepaid Wireless Issues

No update since the last meeting.

##### Wireless Traffic Studies

No update since the last meeting.

##### Interim Text-to-911

Lynn Mell reported that Pitkin County, Colorado implemented text-to-911, and one of their first texts was in Spanish. It was for a non-emergency, and the text conversation lasted one hour.

King County is still waiting for two test positions to be set up at the Sheriff's Office PSAP so testing can be completed and policies and training can be developed.

NENA put on a webinar on interim text-to-911 (**Exhibit C**). There was a lot of good information. Three areas that have implemented text, including two statewide implementations, spoke about their experiences. They have been receiving very few texts, and test between PSAPs to keep their skills up. Many of the texts are suicides or domestic violence.

NENA has also added a Text-to-911 Resources section to their website that includes a Planning Guide (**Exhibit D**). PSAPs were encouraged to review this information.

##### Other Wireless Issues

##### Telematics

No update since the last meeting.

##### New Technologies

PulsePoint (**Exhibit E**). Marlys Davis reported that she was contacted by fire chiefs wanting to implement the PulsePoint iPhone or Android App. This requires a CAD interface. When the PSAP dispatches, the CAD notifies people that CPR is needed and shows them the location of the patient and any AEDs in the area. PulsePoint has already been implemented in Spokane County.

##### 911 Help SMS (**Exhibit F**).

This is an app for iPhones or Androids. On iPhone, the user taps to bring up big button to tap to call 911 and family members simultaneously. The app requires three taps on Androids. The article states that it shouldn't be accessible to children because there's no safeguard. Concern was raised about pocket dials.

##### Telematics Class of Service

Telematics class of service – working to implement TLMA statewide. Waiting for 911 technician availability to test it at the King County Test PSAP. Once it has been successfully tested, the process for implementing statewide will be developed.

#### % of Wireless 911 Calls

Marlys reported that in King County, wireless 911 calls have grown to make up 75% of 911 calls in 2013, while wireline only makes up 19% of calls. Alice Johnson reported that Island County is seeing the same thing. Andy Leneweaver stated that this is a new environment, and the selective router rules established when wireline made up the majority of 911 calls may no longer be appropriate. He reported that there are no chokes on wireline calls, but there are choke points on wireless calls. The subcommittee recommended that this topic be scheduled for discussion at the next 911 Coordinator's meeting after the Advisory Committee meeting. Jackie Jones asked about determining the appropriate levels of 911 trunks. There were questions about reading the traffic studies. CenturyLink distributed a guide for ClearView that went out to the Coordinators.

### **5. VoIP Issues**

#### VoIP Routing Changes Workgroup

Issues with VoIP 911 call routing changes were discussed at the last meeting, and a workgroup was formed to investigate the issues. The first meeting of the workgroup will be scheduled in early April.

### **6. Other Business**

The sample CLEC Agreement was discussed. The Agreement needs to be updated to reflect the ESInet. Andy and Marlys will review what changes are needed.

### **7. Next Meeting**

The meeting schedule for 2014 is as follows:

- May 8
- July 10
- September 11
- November 13

#### **Exhibits:**

- A. Wireless Carrier Contacts
- B. FCC & Telecom Report
- C. NENA Webinar on Text-to-911
- D. NENA Interim SMS Text-to-911 Information and Planning Guide
- E. PulsePoint
- F. 911 Help SMS